THE ASTROPHYSICAL JOURNAL LETTERS

CONTENTS OF VOLUME 556, PART 2

2001 JULY 20, NUMBER 1

	Page
TESTING THE RELATIVISTIC EFFECT OF THE PROPAGATION OF GRAVITY BY VERY LONG BASELINE INTERFEROMETRY *Sergei M. Kopeikin*	L1
VARIABLE ULTRAVIOLET ABSORPTION IN THE SPECTRUM OF MR 2251−178 *Rajib Ganguly, Jane C. Charlton, and Michael Eracleous*	L7
ENRICHMENT OF THE INTERGALACTIC MEDIUM BY RADIATION PRESSURE–DRIVEN DUST EFFLUX *Anthony Aguirre, Lars Hernquist, Neal Katz, Jeffrey Gardner, and David Weinberg*	L11
COMPARING OPTICAL AND NEAR-INFRARED LUMINOSITY FUNCTIONS *Edward L. Wright*	L17
PHOTON BUNCHING AT TeV ENERGIES *M. Harwit*	L21
CHANDRA OBSERVATIONS OF SN 1999gi AND THE X-RAY EMISSION OF TYPE II-P SUPERNOVAE *Eric M. Schlegel*	L25
AN UPPER MASS LIMIT FOR THE PROGENITOR OF THE TYPE II-P SUPERNOVA SN 1999gi *Stephen J. Smartt, Gerard F. Gilmore, Neil Trentham, Christopher A. Tout, and Colin M. Frayn*	L29
A MAP OF THE IONIZED COMPONENT OF THE INTERMEDIATE-VELOCITY CLOUD COMPLEX K *L. M. Haffner, R. J. Reynolds, and S. L. Tufte*	L33
COLLAPSAR JETS, BUBBLES, AND Fe LINES *P. Mészáros and M. J. Rees*	L37
THE IMPRINT OF PRESUPERNOVA EVOLUTION ON SUPERNOVA REMNANTS *Carles Badenes and Eduardo Bravo*	L41
MID-INFRARED OBSERVATIONS OF THE MIRA CIRCUMSTELLAR ENVIRONMENT *Massimo Marengo, Margarita Karovska, Giovanni G. Fazio, Joseph L. Hora, William F. Hoffmann, Aditya Dayal, and Lynne K. Deutsch*	L47
DETECTION OF H_2 EMISSION FROM MIRA B IN ULTRAVIOLET SPECTRA FROM THE *HUBBLE SPACE TELESCOPE* *Brian E. Wood, Margarita Karovska, and Warren Hack*	L51
THE STELLAR PARAMETERS AND EVOLUTIONARY STATE OF THE PRIMARY IN THE d′ SYMBIOTIC SYSTEM StHα 190 *Verne V. Smith, Claudio B. Pereira, and Katia Cunha*	L55
THE MASS OF THE CONVECTIVE ZONE IN FGK MAIN-SEQUENCE STARS AND THE EFFECT OF ACCRETED PLANETARY MATERIAL ON APPARENT METALLICITY DETERMINATIONS *M. H. Pinsonneault, D. L. DePoy, and M. Coffee*	L59
THE *FORBIDDEN* ABUNDANCE OF OXYGEN IN THE SUN *Carlos Allende Prieto, David L. Lambert, and Martin Asplund*	L63
INSTRUCTIONS TO AUTHORS OF LETTERS, AND ADDITIONAL USEFUL INFORMATION	*Inside Back Cover*
INSTRUCTIONS FOR ELECTRONIC MANUSCRIPT SUBMISSION	*Back Cover*

2001 AUGUST 1, NUMBER 2

	Page
CONSTRAINING THE COSMOLOGICAL CONSTANT FROM LARGE-SCALE REDSHIFT-SPACE CLUSTERING *Takahiko Matsubara and Alexander S. Szalay*	L67
SEEING DOUBLE: STRONG GRAVITATIONAL LENSING OF HIGH-REDSHIFT SUPERNOVAE *Daniel E. Holz*	L71

A COMPOSITE SEYFERT 2 X-RAY SPECTRUM: IMPLICATIONS FOR THE ORIGIN OF THE COSMIC X-RAY BACKGROUND L75
Edward C. Moran, Laura E. Kay, Marc Davis, Alexei V. Filippenko, and Aaron J. Barth

DETECTION OF AN X-RAY JET IN 3C 371 WITH *CHANDRA* L79
Joseph E. Pesce, Rita M. Sambruna, F. Tavecchio, L. Maraschi, C. C. Cheung, C. Megan Urry, and R. Scarpa

BULGE GLOBULAR CLUSTERS IN SPIRAL GALAXIES L83
Duncan A. Forbes, Jean P. Brodie, and Søren S. Larsen

DISCOVERY OF AN IRON K ABSORPTION LINE IN THE LOW-MASS X-RAY BINARY GX 13+1 L87
Y. Ueda, K. Asai, K. Yamaoka, T. Dotani, and H. Inoue

COLLISIONAL PLASMA MODELS WITH APEC/APED: EMISSION-LINE DIAGNOSTICS OF HYDROGEN-LIKE AND HELIUM-LIKE IONS L91
Randall K. Smith, Nancy S. Brickhouse, Duane A. Liedahl, and John C. Raymond

L-BAND PHOTOMETRY OF L AND T DWARFS L97
Denise C. Stephens, Mark S. Marley, Keith S. Noll, and Nancy Chanover

THE INFLUENCE OF STELLAR WIND VARIABILITY ON MEASUREMENTS OF INTERSTELLAR O VI ALONG SIGHT LINES TO EARLY-TYPE STARS Ⓔ L103
N. Lehner, A. W. Fullerton, K. R. Sembach, D. L. Massa, and E. B. Jenkins

CHANDRA OBSERVATIONS OF THE PULSAR WIND NEBULA IN SUPERNOVA REMNANT G0.9+0.1 L107
B. M. Gaensler, M. J. Pivovaroff, and G. P. Garmire

LIMITS ON THE ABUNDANCE OF GALACTIC PLANETS FROM 5 YEARS OF PLANET OBSERVATIONS Ⓔ L113
M. D. Albrow, J. An, J.-P. Beaulieu, J. A. R. Caldwell, D. L. DePoy, M. Dominik, B. S. Gaudi, A. Gould, J. Greenhill, K. Hill, S. Kane, R. Martin, J. Menzies, R. M. Naber, J.-W. Pel, R. W. Pogge, K. R. Pollard, P. D. Sackett, K. C. Sahu, P. Vermaak, P. M. Vreeswijk, R. Watson, and A. Williams (The PLANET Collaboration)

GRAVITY WAVE–DRIVEN FLOWS IN THE SOLAR TACHOCLINE L117
Eun-jin Kim and K. B. MacGregor

SOLAR *p*-MODES MODULATED BY INTERIOR *g*-MODES L121
Yu-Qing Lou

ERRATUM

"SHALLOW-WATER" MAGNETOHYDRODYNAMIC WAVES IN THE SOLAR TACHOCLINE L127
D. A. Schecter, J. F. Boyd, and P. A. Gilman

INSTRUCTIONS TO AUTHORS OF LETTERS, AND ADDITIONAL USEFUL INFORMATION *Inside Back Cover*

INSTRUCTIONS FOR ELECTRONIC MANUSCRIPT SUBMISSION *Back Cover*